

Title (en)

Anti-sludging compounds in photographic material.

Title (de)

Schlammschutzmittel in fotografischen Materialien.

Title (fr)

Procédé empêchant la formation de boue dans les matériaux photographiques.

Publication

EP 0520092 A1 19921230 (EN)

Application

EP 91201605 A 19910624

Priority

EP 91201605 A 19910624

Abstract (en)

A photographic material is disclosed containing in a non-light sensitive layer above the emulsion layer an anti-sludging compound corresponding to following general formula (I) : <CHEM> wherein Ball represents a ballast group, L represents a divalent linking group and Z represents the necessary atoms to close a heterocyclic ring with the proviso that said heterocyclic ring contains no mercapto substituent. The divalent linking group is preferably chosen from the list of -O-, -S-, -CO-NR1-, -NR2-CO-NR3-, -SO2-NR4-, -O-CR5R6-CO-NH- wherein each of R1, R2, R3, R4, R5 and R6 represents hydrogen, alkyl or aralkyl. The heterocyclic ring is preferably chosen from the list of imidazole, benzimidazole, 1,2,3-triazole, 1,2,4-triazole, benzotriazole, tetrazole, indazole, uracil and hydantoin. The non-light sensitive layer, wherein the anti-sludging compound is added, is preferably the top protective layer.

IPC 1-7

G03C 1/06; **G03C 1/76**

IPC 8 full level

G03C 1/06 (2006.01); **G03C 1/43** (2006.01); **G03C 1/76** (2006.01)

CPC (source: EP US)

G03C 1/06 (2013.01 - EP US); **G03C 1/7614** (2013.01 - EP US); **Y10S 430/13** (2013.01 - EP US); **Y10S 430/162** (2013.01 - EP US)

Citation (search report)

- [YD] JP S6450047 A 19890227 - FUJI PHOTO FILM CO LTD
- [YD] PATENT ABSTRACTS OF JAPAN vol. 10, no. 160 (P-465)(2216) 7 June 1986 & JP-A-61 013 244 (KONISHIROKU SHASHIN KOGYO K.K.)

Designated contracting state (EPC)

AT BE CH DE DK ES FR GB GR IT LI LU NL SE

DOCDB simple family (publication)

EP 0520092 A1 19921230; JP H05232614 A 19930910; US 5187054 A 19930216

DOCDB simple family (application)

EP 91201605 A 19910624; JP 18610792 A 19920619; US 89174492 A 19920601